



HS-200 Quarterly PM Maintenance Procedure:



Remove Front Panel

Figure 1



Remove 3 prefilters

Figure 2



Remove Calcite feeder

Figure 3

1. Remove eight screws from front panel (figure 1). Remove front panel,
2. Unscrew first stage sediment filter by grasping and turning counter clockwise (Figure 2) (No need to turn off incoming water source) discard, unscrew remaining filters and discard.
3. Install new filters by removing yellow cap (figure 3).on top and inserting each filter into corresponding element head. Insure all filters are hand tight and listen for permeate pumps to begin pulsating, check for leaks
4. Secure front panel.

A full one-year supply of filters is supplied with system upon installation. After one year of service the HS-200 will need to have an annual PM kit ordered #61301605518 this kit will include one full year supply of pre-filters and three replacement membranes.

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1725 W. Williams Dr. C-20
Phoenix, AZ 85027



Membrane replacement: Performed every year after the first year in service.

Annual PM Procedures:

Follow quarterly PM procedures as described above.

1. Remove top and front panels
2. Remove 3 prefilters and post calcite feeders (**DO NOT REPLACED WITH NEW FILTERS AT THIS TIME**)
3. Remove 3 Reverse Osmosis Membranes (figure 5)
4. Replace with new membranes provided in PM kit #501020
5. Replace 3 prefilters and Calcite feeder. Installing these filters will turn the water supply on to the unit and start production of water.

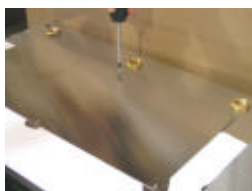


Figure 4



Figure 5



Figure 6

Remove eight screws from front panel. Remove front panel. Remove first stage filter to shut down incoming water flow to system. Drain the tank of boiler feed water by performing a blow down on the boiler. After tank has been completely drained, disconnect the membranes by pressing in on the collets around the colored tubing (figure 6) to the membrane and pull. Each membrane should be removed one at a time insuring proper placement of tubing in corresponding color coded ports. Re-tighten first stage filter to start water flow, listen for permeate pumps to begin pulsating and check for leaks then secure panel.

By passing the unit:

The HS-200 unit can be placed into by pass if for some reason the equipment has failed and or has clogged filters. To by pass the RO system, open top panel by removing eight screws (figure 7) and open ½" brass "Watts" ball valve (figure 8) for tap water by-pass. After service has been achieved close the "Watts" ball valve and wait for the system to begin permeating.



Figure 7

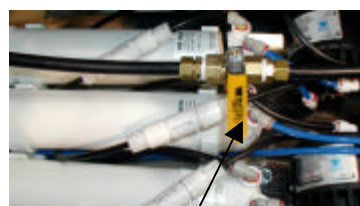


Figure 8

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